L Number	Hits	Search Text	DB	Time stamp
-	34	(MANSBRIDGE and john).in.	USPAT;	2003/08/27 10:42
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	8	(("5682387") or ("4825451") or ("4455649") or	USPAT;	2003/03/14 12:39
		("3014906")).PN.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	2002/02/46 44/52
-	2	("4455649").PN.	USPAT;	2003/03/16 14:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	00	4455C40 LIDDN	IBM_TDB USPAT	2003/03/16 14:49
-	92	4455649.URPN.	USPAT;	2003/03/16 14:52
-	0	mutliplex and 4455649.URPN.	US-PGPUB;	2003/03/10 14.32
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	0	mutliplex\$ and 4455649.URPN.	USPAT;	2003/03/16 14:52
-	١	mudipiexa and 1755075.0KFN.	US-PGPUB;	2003/03/10 11.32
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	97	mutliplex\$ and threshold	USPAT;	2003/03/16 14:53
]	Maniplexy and an obliga	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	300	mutliplex\$ and predetermined	USPAT;	2003/03/16 14:53
			US-PGPUB;	
	1		EPO; JPO;	·
			DERWENT;	
			IBM_TDB	
-	9	(mutliplex\$ and threshold) and (level with detect)	USPAT;	2003/03/16 14:54
	ļ		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		(anythin love) and avadatorminad) and (love) with datast)	IBM_TDB	2003/03/16 15:21
-	17	(mutliplex\$ and predetermined) and (level with detect)	USPAT; US-PGPUB;	2003/03/10 13.21
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	3269	data near filtering	USPAT;	2003/03/16 15:22
	5209	add not incomy	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1	1		IBM_TDB	
-	339	(data near filtering) and threshold and (control near signal)	USPAT;	2003/03/16 15:31
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB]
-	8	((data near filtering) and threshold and (control near	USPAT;	2003/03/16 15:23
İ		signal)) and (photo near diode)	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
		,	IBM_TDB	<u></u>

-	146	((data near filtering) and threshold and (control near signal)) and comparator	USPAT; US-PGPUB;	2003/03/16 15:32
		- "	EPO; JPO;	
			DERWENT;	
	0	(((data near filtering) and threshold and (control near	IBM_TDB USPAT;	2003/03/16 15:32
-	١	signal)) and comparator) and (multi near plex\$)	US-PGPUB;	2003/03/10 13.32
		Signally and comparatory and (materiness prosty)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	146	(((data near filtering) and threshold and (control near	USPAT;	2003/03/16 15:37
		signal)) and comparator) and process\$	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	48	(((data near filtering) and threshold and (control near	USPAT;	2003/03/17 10:31
		signal)) and comparator) and (plurality near data)	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
_	2379	(data near filter\$4).ab.	USPAT;	2003/03/17 10:33
	23/3	(data ricar ricary 1).ab.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	220	// data and 6th and 4N als Normal manifestation #2	IBM_TDB	2002/02/17 10:22
-	238	((data near filter\$4).ab.) and multiplex\$3	USPAT; US-PGPUB;	2003/03/17 10:33
			EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
-	61	(((data near filter\$4).ab.) and multiplex\$3) and threshold	USPAT;	2003/03/17 13:13
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	("4409652").PN.	USPAT;	2003/03/17 13:26
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	7	(plurality near data) with comparator with threshold	USPAT;	2003/03/17 13:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
_	3	(multiple near data) with comparator with threshold	USPAT;	2003/03/17 13:45
_		(maiapie near data) mai comparator mai di conord	US-PGPUB;	3000,00,00
			EPO; JPO;	
			DERWENT;	
		(antonna many away) with threshold	IBM_TDB	2003/03/17 13:46
-	81	(antenna near array) with threshold	USPAT; US-PGPUB;	2003/03/17 13.40
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	4	(antenna near array) with threshold with comparator	USPAT;	2003/03/17 13:46
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	

2 C*5682387*).PN. US-PAT, US-PAT					
FPO_IPO_DERWENT; IBM_TDB S682387.URPN. 1829 1829 1829 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:12 2003/03/17 14:24 2003/03/17 14:25 2003	-	2	("5682387").PN.		2003/03/17 14:22
DERWENT; IBM_TOB USPAT					
188 TDB USPAT					
G 682287 URPM 1829 (level near detection) and compar\$4 "1949/4322" "4528659" "5313467").PN. USPAT US					
4 11829 ("a4942322" "4528659" "5121385" "5313467").PN. USPAT 2003/03/17 14:16 2003/03/17 14:24 2003/03/17 14:25 2003/03/17 14:25 2003/03/17 14:25 2003/03/17 14:25 2003/03/17 14:25 2003/03/17 14:25 2003/03/17 14:25 2003/03/17 14:36 2003/03/17 1	_	6	5682387 LIDDN		2003/03/17 14:12
11829 (level near detection) and compar\$4 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	_				
Us-PGPUB; EPC; IPC; DERWENT; IBM_TDB USPAT; US-PGPUB; EPC; IPC; IPC; DERWENT; IBM_TDB USPAT; US-PGPUB; EPC; IPC; IPC; IPC; IPC; IPC; IPC; IPC; I		· ·			
2003/03/17 14:24	_	11029	(lever fical detection) and company i		2000,00,00
DERWENT; IBH_TDB USPAT; US-PGUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J				1	
18M TDB 18M					
175 (level near detection) same compar\$4 USPAT; USP-GPUB; EPO; IPO; DERWENT; IBM_TDB USPAT; USP-GPUB; EPO;					
US-PGPUB DERWENT; IBM_TDB US-PGPUB DERWENT; IBM_TDB USPAT; US-PGPUB EPO; IPO; DERWENT; IBM_TDB USPAT; US-PGPUB EPO; IPO; DERWENT; IBM_TDB USPAT; USPGPUB EPO; IPO; IPO; DERWENT; IBM_TDB USPAT; USPGPUB EPO; IPO; IPO; IPO; IPO; IPO; IPO; IPO; I	_	4175	(level near detection) same compar\$4		2003/03/17 14:24
EPO_JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO_JPO; DERWENT, IBM_TDB	_	11/5	(level flear detection) same compary i		
- 4163 ((level near detection) and compar\$4) and threshold USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J					
1264 ((level near detection) and compar\$4) and threshold IBM_TDB USPAT; US-PGPUB; EPC; JPC; DERWENT; IBM_TDB USPAT; US-PGPUB; EPC; JPC; JPC; DERWENT; IBM_TDB USPAT; US-PGPUB; EPC; JPC; JPC; JPC; JPC; JPC; JPC; JPC; J					
- 1264 ((level near detection) and compar\$4) and threshold USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; USPA					
1264 ((level near detection) same compar\$4) and threshold U.S-PGPUB; EPO; JPO; DERWENT; IBM_TDB U.SPAT; U.S-		4163	(/level near detection) and compar\$4) and threshold		2003/03/17 14:24
PPO; PPO; DERWENT; IBM_TDB USPAT;	-	7103	((lever hear detection) and compary 1) and threshold		2000,00,00
DERWENT; ISM_TDB USPAT; US-PGPUB; PO, DO; PO, DERWENT; ISM_TDB USPAT; US-PGPUB; PO, PO, DERWENT; ISM_TDB					
1264 ((level near detection) same compar\$4) and threshold USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; U					
1264 (((level near detection) same compar\$4) and threshold USPAT; US-PGPUB; EPC; IPC; DERWENT; IBM_TDB USPAT; US-PGPUB; EPC; IPC; IPC; IPC; IPC; IPC; IPC; IPC; I					
US-PGPUB; PO; JPO; DERWENT; IBM_TDB 2003/03/17 14:24	_	1254	((level near detection) same compart4) and threshold		2003/03/17 14:24
- 664 (((level near detection) same compar\$4) same threshold USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	-	1204	((1676) fical detection) same company () and all controls		
- 664 (((level near detection) same compar\$4) same threshold UspAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT; UsPAT; UsPAT; UsPGPUB; EPO; JPO; DERWENT; IBM_TDB UsPAT; UsPAT					
BIM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-					
- 664 (((level near detection) same compar\$4) same threshold USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT				1	
Comparison Com	_	664	(/level near detection) same compar\$4) same threshold		2003/03/17 14:24
- 0 (((level near detection) same compar\$4) same threshold) and (multi near plex\$3) - 6 (((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (data near (plurality or multiple)) - 8 (((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 (((((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. - 9 5844614.URPN 7237 photodiode near array - 10 photodiode near array - 10 photodiode near array - 10 perwent; lBM_TDB uspAT; us		004	((level fied) detection) same compart () same an estimate		, ,
- 0 (((level near detection) same compar\$4) same threshold) uSPAT; uS-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;					
- 0 ((((level near detection) same compar\$4) same threshold) and (multi near plex\$3) - 6 (((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (data near (plurality or multiple)) - 8 (((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. - 9 5844614.URPN. photodiode near array - 9 5844614.URPN. photodiode near array - 10 (((level near detection) same compar\$4) same threshold) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; U					
- 0 (((level near detection) same compar\$4) same threshold) and (multi near plex\$3) - 6 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (data near (plurality or multiple)) - 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 and multiplex\$3 - 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. - 9 5844614.URPN 7237 photodiode near array - 10 (((level near detection) same compar\$4) same threshold) uspAT; UspA					
and (multi near plex\$3) - 6 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (data near (plurality or multiple)) - 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. - 9 5844614.URPN 7237 photodiode near array - 10 5844614.URPN 10 photodiode near array - 10 photodiode near array	<u>-</u>	<u> </u>	(((level near detection) same compar\$4) same threshold)		2003/03/17 14:25
- 6 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (data near (plurality or multiple)) - 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) - 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. - 9 5844614.URPN. photodiode near array - 7237 photodiode near array 5844614.URPN. photodiode near array USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USPGPUB	-				
Comparison of the comparison			and (maid modify)		
- 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (data near (plurality or multiple)) 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) 9 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 usPAT; us-PGPUB; EPO; JPO; DERWENT; IBM_TDB usPAT; us-PGPUB; EPO; JPO; DERWENT; IBM_TDB usPAT usPAT; us-PGPUB; EPO; JPO; DERWENT; IBM_TDB usPAT; us-PGPUB; EPO; JPO; DERWENT; I					
and multiplex\$3) and (data near (plurality or multiple)) 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 uSPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB				IBM_TDB	
and multiplex\$3) and (data near (plurality or multiple)) 8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 uspAT; Us-PGPUB; EPO; JPO; DERWENT; IBM_TDB	\ _	6	((((level near detection) same compar\$4) same threshold)	USPAT;	2003/03/17 14:36
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT, IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB			and multiplex\$3) and (data near (plurality or multiple))	US-PGPUB;	
8 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and (input near (plurality or multiple)) 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. 9 5844614.URPN. photodiode near array 9 5844614.URPN. photodiode near array 10				EPO; JPO;	
SPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISPAT; US-PGPUB; EPO; JPO; DERWENT; ISPAT; US-PGPUB; EPO; JPO; DERWENT; ISPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				DERWENT;	
and multiplex\$3) and (input near (plurality or multiple)) 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 and 375/130-377.ccls. 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 (USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 10 (USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 10 (USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
and multiplex\$3) and (input near (plurality or multiple)) 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. 2003/03/17 14:53 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	8	((((level near detection) same compar\$4) same threshold)		2003/03/17 14:45
EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		1	and multiplex\$3) and (input near (plurality or multiple))		
- 84 (((level near detection) same compar\$4) same threshold)					
- 84 (((level near detection) same compar\$4) same threshold) and multiplex\$3 - 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. - 9 7237 5844614.URPN. photodiode near array - 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. - 10 (((level near detection) same compar\$4) same threshold) and multiplex\$3 USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB - 10 USPAT; USPGPUB; EPO; JPO; DERWENT; IBM_TDB					
and multiplex\$3 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB ((((level near detection) same compar\$4) same threshold) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 10 9 5844614.URPN. 7237 photodiode near array US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; ISPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
and multiplex\$3 - 10 ((((level near detection) same compar\$4) same threshold) uSPAT; uS-PGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT; uS-PGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT uSPAT uSPAT; uSPGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT; uSPAT; uSPAT; uSPAT; uSPGPUB; EPO; JPO; DERWENT; uSPAT; uSPGPUB; EPO; JPO; DERWENT; IBM_TDB uSPAT; uSPGPUB; EPO; JPO; DERWENT; IBM_TDB	_	84	(((level near detection) same compar\$4) same threshold)		2003/03/17 14:53
EPO; JPO; DERWENT; IBM_TDB ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. ((((level near detection) same compar\$4) same threshold) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB S844614.URPN. photodiode near array 9 5844614.URPN. photodiode near array 9 5844614.URPN. photodiode near array 10 USPAT USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
- 10 ((((level near detection) same compar\$4) same threshold) uSPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; US					
- 10 ((((level near detection) same compar\$4) same threshold) and multiplex\$3) and 375/130-377.ccls. - 9 5844614.URPN 7237 photodiode near array - 10 ((((level near detection) same compar\$4) same threshold) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		1			
and multiplex\$3) and 375/130-377.ccls. US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
and multiplex\$3) and 375/130-377.ccls. US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	10	((((level near detection) same compar\$4) same threshold)		2003/03/17 15:37
EPO; JPO; DERWENT; IBM_TDB - 9 5844614.URPN. USPAT USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB - 10 10 10 10 10 10 10 10 10 10 10 10 10			and multiplex\$3) and 375/130-377.ccls.		
BM_TDB					
- 9 7237 5844614.URPN. photodiode near array USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
photodiode near array USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					
- 7237 photodiode near array USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB		9	5844614.URPN.		
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	7237			2003/03/17 15:38
DERWENT; IBM_TDB					
IBM_TDB	1				
County History 2/4/04 2/41/22 DM D200 3				IBM_TDB	

-	1001	(photodiode near array) and multiplex\$3	USPAT;	2003/03/17 15:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	311	((photodiode near array) and multiplex\$3) and threshold	USPAT;	2003/03/17 15:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	124	(((photodiode near array) and multiplex\$3) and threshold)	USPAT;	2003/03/17 15:39
		and comparator	US-PGPUB;	
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	30	((((photodiode near array) and multiplex\$3) and threshold)	USPAT;	2003/03/17 15:39
	30	and comparator) and (data with filter\$4)	US-PGPUB;	2000,00,27
		and comparatory and (data with filter \$4)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	_	C12047E LIDDN		2002/02/17 16:40
-	5	5138475.URPN.	USPAT	2003/03/17 16:49
-	3	5790286.URPN.	USPAT	2003/03/17 16:52
] -	14	("5010542" "5060302" "5069521" "5138475"	USPAT	2003/03/17 16:54
		"5241610" "5299293" "5327275" "5367397"		
		"5432874" "5469285" "5521734" "5526157"		
		"5526161" "5535031").PN.		
-	0	((((photodiode near array) and multiplex\$3) and threshold)	USPAT;	2003/03/17 18:44
		and comparator) and (\$process\$ with (external near signal))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	(("5138475") or ("4409652")).PN.	USPAT;	2003/08/25 15:16
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	53507	data with filter	USPAT;	2003/08/25 15:16
			US-PGPUB;	
			EPO; JPO;	
	,		IBM_TDB	
1_	344	(data with filter) same (predetermined near threshold)	USPAT;	2003/08/25 15:17
	3,,	(dda War meer) same (prediction missa real an object)	US-PGPUB;	
1			EPO; JPO;	
1			IBM_TDB	
	90	((data with filter) same (predetermined near threshold)) and	USPAT;	2003/08/25 15:17
1	90	multiplex\$4	US-PGPUB;	2003,00,23 13.17
1		Indiapiexpt	EPO; JPO;	
1			IBM_TDB	
1	30	(//data with filter) came (aredatermined near threshold)	USPAT;	2003/08/25 15:19
1 -	39	(((data with filter) same (predetermined near threshold))		2003/00/23 13:13
		and multiplex\$4) and optic\$4	US-PGPUB;	
			EPO; JPO;	
	_		IBM_TDB	2002/00/25 24 25
-	13	((((data with filter) same (predetermined near threshold))	USPAT;	2003/08/25 21:05
		and multiplex\$4) and optic\$4) and filter\$4.ab.	US-PGPUB;	
1			EPO; JPO;	
1			IBM_TDB	
-	688	375/366,368.ccls.	USPAT;	2003/08/25 21:05
1			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	2535	370/509-514.ccls.	USPAT;	2003/08/25 21:05
1		,	US-PGPUB;	
			EPO; JPO;	
1			IBM_TDB	
Ļ		2:41:33 DM Dage 4		·

-	3003	375/366,368.ccls. or 370/509-514.ccls.	USPAT; US-PGPUB;	2003/08/25 21:05
			EPO; JPO;	
			IBM_TDB	
-	42	(375/366,368.ccls. or 370/509-514.ccls.) and (training near	USPAT;	2003/08/25 21:06
		sequence)	US-PGPUB;	
			EPO; JPO; IBM_TDB	
_	22	((375/366,368.ccls. or 370/509-514.ccls.) and (training near	USPAT;	2003/08/25 21:06
		sequence)) and correlat\$4 and synchroniz\$6	US-PGPUB;	
		,	EPO; JPO;	
			IBM_TDB	2002/02/25 24 05
-	11	(((375/366,368.ccls. or 370/509-514.ccls.) and (training	USPAT; US-PGPUB;	2003/08/25 21:06
		near sequence)) and correlat\$4 and synchroniz\$6) and location	EPO; JPO;	
		location	IBM_TDB	
_	3061	375/349,317,260,287,340,286.ccls.	USPAT;	2003/08/26 16:32
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
_	456	375/287,286.ccls.	USPAT;	2003/08/26 14:55
	130	0,0,207,200,000.	US-PGPUB;	,,
			EPO; JPO;	
			DERWENT;	
	456	275/207 2061-	IBM_TDB USPAT;	2003/08/26 14:56
-	456	375/287,286.ccls.	US-PGPUB;	2003/08/20 14.30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2222122125 4 4 52
-	136	375/287,286.ccls. and (plural or plurality) and (multiplex\$3	USPAT;	2003/08/26 14:59
		or select\$4) and (predetermined or threshold)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	(375/287,286.ccls. and (plural or plurality) and (multiplex\$3	USPAT;	2003/08/26 14:57
		or select\$4) and (predetermined or threshold)) and ((photo	US-PGPUB; EPO; JPO;	
		near diode) or photodiode)	DERWENT;	
			IBM_TDB	
-	45	375/287,286.ccls. and ((plural or plurality) same	USPAT;	2003/08/26 15:25
		(multiplex\$3 or select\$4)) and (predetermined or threshold)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	3061	375/349,317,260,287,340,286.ccls.	USPAT;	2003/08/26 16:32
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
	456	375/287,286.ccls.	USPAT;	2003/08/26 17:11
		3/3/23//2000000	US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	2002/00/26 17:12
-	120	375/287,286.ccls. and (plural or plurality) and (multiplex\$3	USPAT; US-PGPUB;	2003/08/26 17:13
		or select\$4) and (predetermined or threshold)	EPO; JPO;	
			IBM_TDB	
-	2	375/287,286.ccls. and (plural or plurality) and (multiplex\$3	USPAT;	2003/08/26 17:13
		or select\$4) and (predetermined or threshold) and ((photo	US-PGPUB;	!
		near diode) or photodiode)	EPO; JPO; IBM_TDB	
L	<u> </u>	<u></u>	ם סוד ביותד	J

- 69 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) with filter) - 3 3 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) with (predetermined near treshold)) - 16 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same treshold)) - 13 4479266 UPPN 7 ("3324955" "3590979" "3898747" "4010476" USPAT; U					
IBM_TDB IBM_	-	3061	375/349,317,260,287,340,286.ccls.		2003/08/26 17:14
375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) with (predetermined near threshold) 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) and predetermined same threshold) 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) and predetermined same threshold) and (plural or plurality) 375/349,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) and predetermined same threshold) and (plural or plurality) 3898571.URPN. (select\$4 or multiplex\$3) and predetermined same threshold) and (plural or plurality) 3898571.URPN. (select\$4 or multiplex\$3) and predetermined same threshold) and (plural or plurality) 3898571.URPN. (select\$4 or multiplex\$4) or photodiode or (photo near diode)) with (plural or plurality) 3898571.URPN. (select\$4 or multiplex\$4) or photodiode or (photo near diode)) with (plural or plurality) 3898571.URPN. (select\$4) 3898571.URPN. (select\$4 or multiplex\$4 or select\$4) 3898571.URPN. (select\$4) 3898571.URP					
Select\$4 or multiplex\$3) with filter SPGPUB; FDG, JPO; IBM, TDB SPAT; US-PGPUB; FDG, JPO; IBM, TDB SPAT; US-PGPUB; FDG, JPO; IBM, TDB USPAT; US-PGPUB; FDG, JPO; IBM, TDB US	_	60	375/340 317 360 387 340 386 ccls, and (process\$3 with		2003/08/26 17:22
3 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) with (predetermined near threshold) 1 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 1 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 1 3 4479266.URPN. 1 3 4479266.URPN. 2 4479266.URPN. 2 4479266.2FPN. 2 4479265.2FPN. 2 4479265.2FPN. 2 4573749,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality)) 2 8 375/349,317,260,287,340,286.ccls. and (process\$3 same (select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality) 2 8 375/349,317,260,287,340,286.ccls. and (process\$3 same (select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality) 3 8898571.URPN. ((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality) and (predetermined near diode)) with (plural or plurality) and (predetermined near diode)) with (plural or plurality)) and (predetermined near diode)) mear4 (plural or plurality)) and (predetermined near diode)) near4 (plural or plurality)) and (predeter	-	09			2003/00/20 17.22
3 375/349,317,260,287,340,286.cds. and (process\$3 with (select\$4 or multiplex\$3) with (predetermined near threshold) 16 375/349,317,260,287,340,286.cds. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 18 479266.URPN. 2003/08/26 17:49 2003/08/26 17:			(Selectiff of Multiplex\$3) With Mitch		
3 375/349,317,260,287,340,286,ccts. and (process\$3 with (select\$4 or multiplex\$3) with (predetermined near threshold) 16 375/349,317,260,287,340,286,ccts. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 17 18 18 18 18 18 18 18					
(selects4 or multiplex\$3) with (predetermined near threshold)) 16 (selects4 or multiplex\$3) same (predetermined same threshold)) 17 ("324455" "3509279" "3898747" "4010476" USPAT; USPAT USPAT; USPAT US	_	3	375/349 317 260 287 340 286 ccls. and (process\$3 with		2003/08/26 17:32
threshold)) 16 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold)) 1 4479266.URPN. 1 3479266.URPN. 1 3275/349,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) and (predetermined same threshold)) and (plural or plurality) 2 247 375/349,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) same (predetermined same threshold)) and (plural or plurality)) 2 28 375/349,317,260,287,340,286.ccls. and ((process\$3 same (select\$4 or multiplex\$3) same (predetermined same threshold)) and (plural or plurality)) 3 398571.URPN. ((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined same threshold)) and (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) or photodiode or (photo near diode)) with (plural or plurality) and (predetermined near threshold)) and (multiplex\$4 or select\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (
16 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT USPAT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT USPAT;			1 3 1		
16 375/349,317,260,287,340,286.ccls. and (process\$3 with (select\$4 or multiplex\$3) same (predetermined same threshold) 13 4479266.URPN. 13 4479266.URPN. 13 4479266.URPN. 13 1479266.URPN. 147929831" "4229831" "4229831" USPAT USPAT USPAT 2003/08/26 17:42 2003/08/26 17:42 2003/08/26 17:42 2003/08/26 17:42 2003/08/26 17:45 2003/08/2					
select\$4 or multiplex\$3) same (predetermined same threshold) S-PGPUB; EPO; IPO; IBM_TDB SPAT SO9279" "3898747" "4010476" SPAT USPAT	-	16	375/349.317.260.287.340.286.ccls. and (process\$3 with	-	2003/08/26 17:44
threshold)) 13					
13					
19					
247 375/349,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality) 2003/08/26 17:45 2003/08/26 17:4	-	13	4479266.URPN.	USPAT	2003/08/26 17:38
"4027152" "4157509" "4229831" "4229831" PN. 375/349,317,260,287,340,286.ccls. and (process\$3 and (select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality) 2003/08/26 17:45 2003/08	-		("3324455" "3509279" "3898747" "4010476"	USPAT	2003/08/26 17:42
Select\$4 or multiplex\$3) and (predetermined same threshold) and (plural or plurality))			"4027152" "4157509" "4229831" "4229831").PN.		
threshold) and (plural or plurality)) 28	-	247	375/349,317,260,287,340,286.ccls. and (process\$3 and		2003/08/26 17:45
28 375/349,317,260,287,340,286.ccls. and ((process\$3 same (select\$4 or multiplex\$3) same (predetermined same threshold)) and (plural or plurality)) 18			(select\$4 or multiplex\$3) and (predetermined same	US-PGPUB;	
28 375/349,317,260,287,340,286.ccls. and ((process\$3 same (select\$4 or multiplex\$3) same (predetermined same threshold) and (plural or plurality) USPAT; USPOPUB; EPO; JPO; IBM_TDB ((photo near detect\$4) or photodiode or (photo near diode)) USPAT; USPOPUB; EPO; JPO; IBM_TDB (((photo near detect\$4) or photodiode or (photo near diode)) USPAT; USPOPUB; EPO; JPO; IBM_TDB (((photo near detect\$4) or photodiode or (photo near diode)) USPAT; USPOPUB; EPO; JPO; IBM_TDB (((photo near detect\$4) or photodiode or (photo near diode)) USPAT; USPOPUB; EPO; JPO; IBM_TDB (((photo near detect\$4) or photodiode or (photo near diode)) USPAT; USPOPUB; EPO; JPO; IBM_TDB (USPAT; USPOPUB; EPO; JPO; IBM_TDB ((((photo near detect\$4) or photodiode or (photo near diode)) USPAT; USPOPUB; EPO; JPO; IBM_TDB (USPAT; USPOPUB; E			threshold) and (plural or plurality))		
(select\$4 or multiplex\$3) same (predetermined same threshold)) and (plural or plurality)) 3898571.URPN. ((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality) ((photo near detect\$4) or photodiode or (photo near diode)) ((photo near detect\$4) or photodiode or (photo near diode)) uSPAT; US-PGPUB; EPC; JPO; IBM_TDB ((photo near detect\$4) or photodiode or (photo near diode)) uSPAT; US-PGPUB; EPC; JPO; IBM_TDB (((photo near detect\$4) or photodiode or (photo near diode)) ush (plural or plurality)) and (predetermined near threshold) and (multiplex\$4 or select\$4) ((photo near detect\$4) or photodiode or (photo near diode)) ush (plural or plurality)) and (predetermined near threshold) and (multiplex\$4 or select\$4) ((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode)) ((photo near detect\$4) or photodiode or (photo near diode)) (IBM_TDB USPAT; US-PGPUB; EPC; JPO; IBM_TDB USPAT; US-PGPUB; EPC;					
threshold)) and (plural or plurality)) 4 3898571.URPN. ((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality) 2493 (((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined) (((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near diode)) with (plural or plurality) and (predetermined near diode)) (((photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near detect\$4) or photodiode or (photo near diode)) (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) 101 (((photo near detect\$4) or photodiode or (photo near diode)) (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) 101 (((photo near detect\$4) or photodiode or (photo near diode)) (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) 102 (((photo near detect\$4) or photodiode or (photo near diode)) (photo near diode)) (photo near detect\$4) (ph	-	28			2003/08/26 17:45
- 4 3898571.URPN. (((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality) and (predetermined) ((((photo near detect\$4) or photodiode or (photo near diode)) ush (plural or plurality)) and (predetermined near threshold) (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) ((((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) (((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) ((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) (((((photo near detect\$4) or photodiode or (photo near diode)) ((((((photo near detect\$4) or photodiode or (photo near detect\$4) ((((((((((((((((((((((((((((((((((((
- 3898571.URPN. ((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality) - 2493 (((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined) - 167 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) - 136 (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 3259 (((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode)) near4 (plural or plurality)) near4 (plural or plurality)) near4 (plural or plurality) near4 (plural or plu			threshold)) and (plural or plurality))		
- 5156 ((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality) - 2493 (((photo near detect\$4) or photodiode or (photo near diode)) ush (plural or plurality)) and (predetermined) (proceeding threshold) - 167 (((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) - 136 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) (((((photo near detect\$4) or photodiode or (photo near diode)) uspant; Us-pcpuB; EPO; JPO; IBM_TDB USPAT; Us-pcpuB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J					
with (plural or plurality) - 2493 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined) - 167 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) - 136 (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 136 (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 101 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) - 101 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 101 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 189 (alan and green).in. US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGP	-	1			
2493 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined) 167 (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) 136 ((((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) 137 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) 138 (((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) 139 ((((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) 140 ((((((((((((((((((((((((((((((((((((-	5156			2003/08/26 21:10
- 2493 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined) - 167 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) - 136 (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) and (multiplex\$4 or select\$4) - 3259 (((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode)) near4 (plural or plurality))			with (plural or plurality)		
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- 167 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold) - 136 (((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 3259 (((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality) - 101 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode)) near4 (plural or plurality)) near4 (plural or plurality)) near4 (plural or plurality)) near4 (plural or plurality)) near4					
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- 136 ((((photo near detect\$4) or photodiode or (photo near diode)) with (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 3259 ((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality) - 101 (((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode) USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			1 11 11 11 11 11 11 11 11 11 11 11 11 1		
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- 101 (((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) - 71 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 189 (alan and green).in. EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;	-	3259	((photo near detect\$4) or photodiode or (photo near diode))		2003/08/26 21:10
- 101 (((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold) - 71 ((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 189 (alan and green).in. 18M_TDB			near4 (plural or plurality)		
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- (((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) - 189 (alan and green).in. IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;			1 77 31		
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threshold)) and (multiplex\$4 or select\$4) EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	71			2003/08/2/ 13:44
- lan and green).in. IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					
- 189 (alan and green).in. USPAT; US-PGPUB; EPO; JPO; DERWENT;			threshold)) and (multiplex\$4 or select\$4)		•
US-PGPUB; EPO; JPO; DERWENT;		100	(alon and group) in		2003/08/27 10:45
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U.S.PGPUB; EPC; JPC; DERWENT; IBM, TDB USPAT; U.S.PGPUB; EPC; JPC; DCRWENT; IBM, TDB USPAT; U.S.PGPUB; EPC; JPC; IBM, TDB EPC; JPC; IBM, TD				IBM_TDB	
Comparison of the control of the c	-	96	(alan near2 green).in.	USPAT;	2003/08/27 10:45
Claim Clai				US-PGPUB;	
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(select\$4 or multiplex\$4) ((((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4)) and (control with (select\$4 or multiplex\$4)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and (predetermined near threshold)) and (multiplex\$4 or select\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and ((resternal near4 control)) with (select\$4 or multiplex\$4)) - 0 (((((photo near detect\$4) or photodiode or (photo near diode)) near4 (plural or plurality)) and ((resternal near4 control)) same (select\$4 or multiplex\$4)) - 1 (105-4409652-\$ or US-655555-\$ or US-6335990-\$ or US-5502507-\$ or US-5846614-\$ or US-55021734-\$ or US-5502507-\$ or US-5933459-\$ or US-4757519-\$ or US-590863-\$ or US-5502749-\$ or US-5933459-\$ or US-3898571-\$ or US-6091679-\$ or US-5187357-\$),did. or (US-4009652-\$ or US-5365555-\$ or US-6335990-\$ or US-5502507-\$ or US-5844614-\$ or US-590863-\$ or US-5764690-\$ or US-5187357-\$),did. or (US-4090652-\$ or US-6356555-\$ or US-6335990-\$ or US-550207-\$ or US-590286-\$ or US-57512734-\$ or US-550207-\$ or US-590286-\$ or US-57512734-\$ or US-5502507-\$ or US-5844614-\$ or US-590863-\$ or US-576490-\$ or US-576490-\$ or US-5766555-\$ or US-6335990-\$ or US-576490-\$ or US-5780286-\$ or US-57512734-\$ or US-5502507-\$ or US-580555-\$ or US-6335990-\$ or US-576490-\$ or US-5780286-\$ or US-57134-\$ or US-576490-\$ or US-5780286-\$ or US-57134-\$ or US-576490-\$ or US-5780286-\$ or US-57134-\$ or US-570499-\$ or US-5780286-\$ or US-57134-\$ or US-576490-\$ or US-5780286-\$ or US-57134-\$ or US-570499-\$ or US-5780499-\$ or US-578049					
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US-5502507-\$ or US-5844614-\$ or US-5900863-\$ or US-5138475-\$ or US-5790286-\$ or US-5521734-\$ or US-5502749-\$ or US-5933459-\$ or US-4757519-\$ or US-5764690-\$ or US-4779266-\$ or US-3898571-\$ or US-6091679-\$ or US-5187357-\$).did. or (US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) - 1 ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; U	_	10		USPAT;	2003/08/27 13:53
US-5138475-\$ or US-5790286-\$ or US-5521734-\$ or US-5502749-\$ or US-5933459-\$ or US-4757519-\$ or US-5764690-\$ or US-4479266-\$ or US-3898571-\$ or US-6091679-\$ or US-5187357-\$).did. or (US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) - 1 ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO;			US-5502507-\$ or US-5844614-\$ or US-5900863-\$ or		
US-5502749-\$ or US-5933459-\$ or US-4757519-\$ or US-5764690-\$ or US-4479266-\$ or US-3898571-\$ or US-6091679-\$ or US-5187357-\$).did. or (US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) - 1 ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB				1	
US-5764690-\$ or US-4479266-\$ or US-3898571-\$ or US-6091679-\$ or US-5187357-\$).did. or (US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) - 1 ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PG					
US-6091679-\$ or US-5187357-\$).did. or (US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) - 1 ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO					
(US-20020141011-\$).did. or (GB-2376142-\$ or WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB US-P					
WO-2075980-\$ or GB-2346300-\$).did.) and (control near signal) USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB]	'			
Signal ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; IBM_TDB US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO	_i				
- 1 ("4757519").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2003/09/04 14					
US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2003/09/04 14				LISPAT	2003/08/27 13:55
EPO; JPO; IBM_TDB USPAT; 2003/08/27 13 US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2003/09/04 14	-	1	(1/3/313 J.r.N.		2003,00,27 13.33
IBM_TDB					
- 1 ("4479266").PN. USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; USPAT; 2003/09/04 14					
US-PGPUB; EPO; JPO; IBM_TDB USPAT; 2003/09/04 14		_	(#447026C#\ PN		2003/08/27 12:56
EPO; JPO; IBM_TDB USPAT; 2003/09/04 14	-	1	(" 44 /9206").PN.		2003/06/2/ 13.36
- 488 (predetermined near threshold) same multiplex\$3 IBM_TDB USPAT; 2003/09/04 14					
- 488 (predetermined near threshold) same multiplex\$3 USPAT; 2003/09/04 14					
too I (bi cancio i i i i i i i i i i i i i i i i i i				_	2002/00/04 44:20
	-	488	(predetermined near threshold) same multiplex\$3		2003/09/04 14:38
Search History 3/1/04 3:41:33 PM Page 7		ļ		TRW_LDB	L

-	388	((predetermined near threshold) same multiplex\$3) and plurality	USPAT; EPO; JPO;	2003/09/04 14:39
-	8	(((predetermined near threshold) same multiplex\$3) and plurality) and (external near control near signal)	IBM_TDB USPAT; EPO; JPO;	2003/09/04 14:39
-	15	(((predetermined near threshold) same multiplex\$3) and plurality) and (photodiode or (photo near diode))	IBM_TDB USPAT; EPO; JPO;	2003/09/04 15:45
-	17	(((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near4 (data or signal or input)) and	IBM_TDB USPAT; EPO; JPO;	2003/09/04 15:55
-	258734	(photodiode or (photo near diode))) plurality near5 (data or signal or input)	IBM_TDB USPAT; EPO; JPO;	2003/09/04 15:55
-	866	((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:01
-	17	(((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:49
-	152	(photodiode or (photo near diode)) (((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:02
-	102	375/130-377.ccls. ((((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	IBM_TDB USPAT; EPO; JPO;	2003/09/04 15:59
-	8	375/130-377.ccls.) and filter\$5 ((((predetermined near threshold) same (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:00
-	380	375/130-377.ccls.) and (external near5 control) ((predetermined near threshold) with (multiplex\$3 or select)) and (plurality near5 (data or signal or input))	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:02
-	2	(((predetermined near threshold) with (multiplex\$3 or select)) and (plurality near5 (data or signal or input))) and	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:03
-	173004	375/130-377.ccls. multiplex\$	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:03
-	31	multiplex\$ with (predetermined near threshold)	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:09
-	488	multiplex\$ same (predetermined near threshold)	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:10
-	388	(multiplex\$ same (predetermined near threshold)) and plurality	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:10
-	70	((multiplex\$ same (predetermined near threshold)) and plurality) and ((data or signl) with identif\$5)	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:16
-	85875	multiplexer	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:16
-	7931	multiplexor	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:16
-	91266	multiplexer or multiplexor	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:16
-	284	(multiplexer or multiplexor) same (predetermined near threshold)	IBM_TDB USPAT; EPO; JPO;	2003/09/04 16:17
		2:41:22 DM	IBM_TDB	<u> </u>

-	83	((multiplexer or multiplexor) same (predetermined near threshold)) and identify	USPAT; EPO; JPO;	2003/09/04 16:17
			IBM_TDB	
-	3	((multiplexer or multiplexor) same (predetermined near	USPAT;	2003/09/04 16:21
		threshold)) and (level near detect)	EPO; JPO;	
		an contolay) and (lover near decest)	IBM_TDB	
	56506	(-baka wasy diada) sy shakadiada		2002/00/04 16:21
-	56596	(photo near diode) or photodiode	USPAT;	2003/09/04 16:21
			EPO; JPO;	
			IBM_TDB	
_	6565	((photo near diode) or photodiode) and multiplex\$3	USPAT;	2003/09/04 16:21
		((proces tream are no) or processing and are	EPO; JPO;	' '
			IBM_TDB	
	200	المصور 20 في مرام المثلات من المصور المرام على المرام المرام على المرام		2002/00/04 16:22
-	389	(((photo near diode) or photodiode) and multiplex\$3) and	USPAT;	2003/09/04 16:22
		(predetermined near threshold)	EPO; JPO;	
			IBM_TDB	
_	O	("6624916").PN.	USPAT;	2003/09/05 14:24
		(002 1520)11 111	EPO; JPO;	,,
		///	IBM_TDB	2002/00/04 16:26
-	1	("6394602").PN.	USPAT;	2003/09/04 16:36
			EPO; JPO;	1
			IBM_TDB	
_	2	quantumbeam.as.	USPAT;	2003/09/04 16:47
	_	quantambeamas	EPO; JPO;	====,==,==,=====
			IBM_TDB	
				2002/00/04 46:40
-	168135	optical with signal\$4	USPAT;	2003/09/04 16:48
			EPO; JPO;	
			IBM_TDB	
_	9046	(optical with signal\$4) and multiplex\$4	USPAT;	2003/09/04 16:48
_) 5070	(optical with signal \$4) and manuplex\$ 1	EPO; JPO;	2003,03,01 201.10
			IBM_TDB	
-	70	((optical with signal\$4) and multiplex\$4) and	USPAT;	2003/09/04 16:48
		(predetermined near threshold)	EPO; JPO;	
			IBM_TDB	
_	18	(((optical with signal\$4) and multiplex\$4) and	USPAT;	2003/09/04 17:01
	10	(predetermined near threshold)) and (photodiode or (photo	EPO; JPO;	1
			IBM_TDB	
		near diode))		2003/09/04 17:01
-	56596	(photodiode or (photo near diode))	USPAT;	2003/09/04 17:01
			EPO; JPO;	
			IBM_TDB	
-	17	((photodiode or (photo near diode))) and ((select or	USPAT;	2003/09/04 17:02
		multiplex\$3) with (predetermined near threshold))	EPO; JPO;	
			IBM_TDB	
	05075	multiployar	USPAT;	2003/09/04 20:44
-	85875	multiplexer		2003/03/07 20.77
			EPO; JPO;	
			IBM_TDB	
-	20810	(plurality near3 (data or signal or input)) with receive	USPAT;	2003/09/04 20:44
		. , , , , , , , , , , , , , , , , , , ,	EPO; JPO;	
			IBM_TDB	
	42000	prodotormined near threshold	USPAT;	2003/09/04 21:38
-	43600	predetermined near threshold		2003/03/01/21:30
1			EPO; JPO;	
[IBM_TDB	
-	35	((plurality near3 (data or signal or input)) with receive) with	USPAT;	2003/09/04 20:45
[(predetermined near threshold)	EPO; JPO;	
		,	IBM_TDB	
1		multiplexer and (((plurality near3 (data or signal or input))	USPAT;	2003/09/04 20:46
1 -	1	multiplexer and (((plurality field))		2000,00,0120.10
1		with receive) with (predetermined near threshold))	EPO; JPO;	
			IBM_TDB	
] -	314	multiplexer and ((plurality near3 (data or signal or input))	USPAT;	2003/09/04 21:38
		with receive) and (predetermined near threshold)	EPO; JPO;	
t			IBM_TDB	
	01	(multiplexer and ((plurality near3 (data or signal or input))	USPAT;	2003/09/04 20:48
-	91			2003/03/01/20:10
		with receive) and (predetermined near threshold)) and	EPO; JPO;	
	<u> </u>	optical	IBM_TDB	
		2.41.22 DM Dags 0		

-	29	((multiplexer and ((plurality near3 (data or signal or input)) with receive) and (predetermined near threshold)) and	USPAT; EPO; JPO;	2003/09/04 22:31
		optical) and ((photo near diode) or photodiode)	IBM_TDB	
	0		USPAT;	2003/09/04 20:51
-	١	("6624916").PN.		2003/03/04 20.31
			EPO; JPO;	
			IBM_TDB	
-	3	("5195076" "5412636" "6282157").PN.	USPAT	2003/09/04 21:06
-	0	6480445.URPN.	USPAT	2003/09/04 21:10
-	36	(multiplexer same ((plurality near3 (data or signal or input))	USPAT;	2003/09/04 21:38
		with receive)) and (predetermined near threshold)	EPO; JPO;	' '
		man roadino// and (production moderna)	IBM_TDB	
	10583	(plurality with (data or signal or input)) same threshold	USPAT;	2003/09/04 22:19
•	10363	(piurality with (data or signal or hiput)) same threshold		2003/03/04 22.13
			EPO; JPO;	
			IBM_TDB	
-	391	((plurality with (data or signal or input)) same threshold)	USPAT;	2003/09/04 22:20
		and ((photo near diode) or photodiode)	EPO; JPO;	
			IBM_TDB	
-	214	(((plurality with (data or signal or input)) same threshold)	USPAT;	2003/09/04 22:21
		and ((photo near diode) or photodiode)) and (multiplex\$4 or	EPO; JPO;	
		select)	IBM_TDB	
_	300	(((plurality with (data or signal or input)) same threshold)	USPAT;	2003/09/04 22:31
	300	and ((photo near diode) or photodiode)) and (multiplex\$4 or	EPO; JPO;	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IBM_TDB	
	0.0	select or switch)	USPAT;	2003/09/04 22:31
-	96	((((plurality with (data or signal or input)) same threshold)		2003/03/04 22.31
		and ((photo near diode) or photodiode)) and (multiplex\$4 or	EPO; JPO;	
		select or switch)) and (predetermined near threshold)	IBM_TDB	2002/00/04/22/24
-	3321	plurality with ((photo near diode) or photodiode)	USPAT;	2003/09/04 22:31
			EPO; JPO;	
			IBM_TDB	
-	106	(plurality with ((photo near diode) or photodiode)) and	USPAT;	2003/09/04 22:31
		(predetermined near threshold)	EPO; JPO;	
			IBM_TDB	
-	77	((plurality with ((photo near diode) or photodiode)) and	USPAT;	2003/09/04 22:31
		(predetermined near threshold)) and (multiplex\$4 or select	EPO; JPO;	
		or switch)	IBM_TDB	
_	2	("3937951" "3953137").PN.	USPAT	2003/09/04 22:44
1_	1	6034365.URPN.	USPAT	2003/09/04 22:45
	0	PCT/GB98/00421	USPAT;	2003/09/04 23:13
-	"	PC1/GD30/00 121	EPO; JPO;	2000,05,0120120
			IBM_TDB	
		1100004241	USPAT;	2003/09/04 23:13
-	1	"9800421"		2003/03/04 23.13
			EPO; JPO;	
	_		IBM_TDB	2002/00/04 22:42
-	0	98-00421	USPAT;	2003/09/04 23:13
			EPO; JPO;	
			IBM_TDB	
- (35	"00421"	USPAT;	2003/09/04 23:19
			EPO; JPO;	
1			IBM_TDB	
_	0	9706062.8	USPAT;	2003/09/04 23:24
			EPO; JPO;	
			IBM_TDB	
l .	0	9702726.2	USPAT;	2003/09/04 23:19
			EPO; JPO;	' '
			IBM_TDB	
l <u>-</u>	0	("6624916").PN.	USPAT;	2003/09/05 14:46
-	"	(OOZTJIO J.FN.	EPO; JPO;	= 555,55,55 16
1	1		IBM_TDB	
	75640	multiplaying or multiplay or multiplayer	USPAT;	2003/09/05 14:46
-	75649	multiplexing or multiplex or multiplexer		2003/03/03 17.70
	1		EPO; JPO;	
	L		IBM_TDB	

	,		г	
-	4355	data near filter	USPAT; EPO; JPO;	2003/09/05 14:46
			IBM_TDB	
l <u>-</u>	43600	predetermined near threshold	USPAT;	2003/09/05 17:07
	15555	production and an extra a	EPO; JPO;	
			IBM_TDB	
	00	(multiplaying or multiplay or multiplayor) and (data paar	USPAT;	2003/09/05 14:47
-	99	(multiplexing or multiplex or multiplexer) and (data near		2003/03/03 14.47
		filter) and (predetermined near threshold)	EPO; JPO;	
			IBM_TDB	
-	892411	filter\$4	USPAT;	2003/09/05 14:47
			EPO; JPO;	
			IBM_TDB	
_	2412	(multiplexing or multiplex or multiplexer) and	USPAT;	2003/09/05 14:48
		(predetermined near threshold) and filter\$4	EPO; JPO;	
		(predetermined freat direction) and interpr	IBM_TDB	
	41047	/	USPAT;	2003/09/05 14:48
-	41047	(compare or comparator) with threshold		2003/03/03 14.40
	!		EPO; JPO;	
			IBM_TDB	
-	927	((multiplexing or multiplex or multiplexer) and	USPAT;	2003/09/05 14:48
		(predetermined near threshold) and filter\$4) and ((compare	EPO; JPO;	
		or comparator) with threshold)	IBM_TDB	
-	1625191	level	USPAT;	2003/09/05 14:48
			EPO; JPO;	' '
			IBM_TDB	
	823	(((multiplexing or multiplex or multiplexer) and	USPAT;	2003/09/05 14:49
-	023	((multiplexing of multiplex of multiplexer) and ((compare (compare for multiplexer) and (compare	EPO; JPO;	2003/03/03 11:13
		or comparator) with threshold)) and level	IBM_TDB	2002/00/05 14:40
-	374457	plurality with (data or signal or input)	USPAT;	2003/09/05 14:49
			EPO; JPO;	
			IBM_TDB	
-	539	((((multiplexing or multiplex or multiplexer) and	USPAT;	2003/09/05 14:50
		(predetermined near threshold) and filter\$4) and ((compare	EPO; JPO;	
		or comparator) with threshold)) and level) and (plurality	IBM_TDB	
ļ		with (data or signal or input))	_	
İ	37896	external with control with signal	USPAT;	2003/09/05 14:51
-	37090	external with cond of with signal	EPO; JPO;	2000,00,00 = 110 =
			IBM_TDB	
		www. http://www.http.com/and	USPAT;	2003/09/05 15:00
-	32	(((((multiplexing or multiplex or multiplexer) and	1	2003/03/03 13.00
		(predetermined near threshold) and filter\$4) and ((compare	EPO; JPO;	
		or comparator) with threshold)) and level) and (plurality	IBM_TDB	
		with (data or signal or input))) and (external with control		
	1	with signal)		
-	883147	optical	USPAT;	2003/09/05 15:00
			EPO; JPO;	
			IBM_TDB	
l -	165	(((((multiplexing or multiplex or multiplexer) and	USPAT;	2003/09/05 15:09
		(predetermined near threshold) and filter\$4) and ((compare	EPO; JPO;	1
		or comparator) with threshold)) and level) and (plurality	IBM_TDB	1
			1011_100	
		with (data or signal or input))) and optical	LICDAT	2003/00/05 15:11
-	10850	optical and ((photo near diode) or photodiode)	USPAT;	2003/09/05 15:11
	1		EPO; JPO;	
			IBM_TDB	
-	1374	(optical and ((photo near diode) or photodiode)) and	USPAT;	2003/09/05 15:10
		(multiplex\$4 or select)	EPO; JPO;	
			IBM_TDB	
l <u>.</u>	48	(predetermined near threshold) and ((optical and ((photo	USPAT;	2003/09/05 15:10
		near diode) or photodiode)) and (multiplex\$4 or select))	EPO; JPO;	
		The aloue, or protectioner, and (maintipletty)	IBM_TDB	
	4014	acqueto pear entic	USPAT;	2003/09/05 15:11
1.	4811	acousto near optic	EPO; JPO;	2003,03,03 13.11
	L		IBM_TDB	

-	56596	((photo near diode) or photodiode)	USPAT; EPO; JPO;	2003/09/05 17:06
			IBM_TDB	
_	709433	filter	USPAT;	2003/09/05 15:11
-	/05433	IIICI		2005/05/05 15:11
	,		EPO; JPO;	
			IBM_TDB	
-	892411	filter\$4	USPAT;	2003/09/05 15:11
			EPO; JPO;	
			IBM_TDB	
	002724	Clha-AF	_	2003/09/05 15:11
-	892721	filter\$5	USPAT;	2003/09/05 15:11
			EPO; JPO;	
			IBM_TDB	
_	625	(acousto near optic) and (((photo near diode) or	USPAT;	2003/09/05 15:11
1	023	photodiode)) and filter\$5	EPO; JPO;	
		procodiode)) and nicer\$3		
	_	l	IBM_TDB	
-	21	((acousto near optic) and (((photo near diode) or	USPAT;	2003/09/05 15:12
		photodiode)) and filter\$5) and (predetermined near	EPO; JPO;	
		threshold)	IBM_TDB	
	10		USPAT	2003/09/05 15:20
-	10	("4535650" "4553844" "4634879" "4643578"	USFAI	2003/03/03 13.20
		"4731853" "4733969" "4891772" "5048965"		
		"5118192" "5654800").PN.	}	
_	10	5812269.URPN.	USPAT	2003/09/05 15:22
1_	180474	to ajd3 multiplex\$3	USPAT;	2003/09/05 17:06
	1007/7	со ајао такрекао	EPO; JPO;	2000,00,00 17.00
	1			
			IBM_TDB	
-	56596	((photo near diode) or photodiode)	USPAT;	2003/09/05 17:06
			EPO; JPO;	
	Ì		IBM_TDB	
	43600	avadatavariand many threathold		2002/00/05 17:07
-	43600	predetermined near threshold	USPAT;	2003/09/05 17:07
			EPO; JPO;	
			IBM_TDB	
-	395	(to ajd3 multiplex\$3) and (((photo near diode) or	USPAT;	2003/09/05 17:07
İ	1	photodiode)) and (predetermined near threshold)	EPO; JPO;	
		protodiode)) and (predetermined near direshold)		
			IBM_TDB	2000/00/05 47 44
-	105	((to ajd3 multiplex\$3) and (((photo near diode) or	USPAT;	2003/09/05 17:44
		photodiode)) and (predetermined near threshold)) and	EPO; JPO;	
		(plurality near (data or input or signal))	IBM_TDB	
_	17253	370/351-430.ccls.	USPAT;	2003/09/05 17:44
-	17233	370/331° 430.ccis.		2005/05/05 17:::
			EPO; JPO;	
			IBM_TDB	
-	2696	398/45-103,115-117.ccls.	USPAT;	2003/09/05 17:44
			EPO; JPO;	
			IBM_TDB	
	5727	350/557-590 cclc	USPAT;	2003/09/05 17:45
-	5737	359/557-589.ccls.		2003/03/03 17.43
			EPO; JPO;	
			IBM_TDB	
_	465	(predetermined near threshold) and 370/351-430.ccls.	USPAT;	2003/09/05 17:45
		W	EPO; JPO;	
		/	IBM_TDB	2002/00/05 47:45
-	395	(predetermined near threshold) and ((to ajd3 multiplex\$3)	USPAT;	2003/09/05 17:45
	1	and (((photo near diode) or photodiode)) and	EPO; JPO;	
	1	(predetermined near threshold))	IBM_TDB	
-	8	((to ajd3 multiplex\$3) and (((photo near diode) or	USPAT;	2003/09/05 17:47
	1	photodiode)) and (predetermined near throshold)) and		
		photodiode)) and (predetermined near threshold)) and	EPO; JPO;	
		370/351-430.ccls.	IBM_TDB	
-	1	((to ajd3 multiplex\$3) and (((photo near diode) or	USPAT;	2003/09/05 17:47
		photodiode)) and (predetermined near threshold)) and	EPO; JPO;	
		359/557-589.ccls.	IBM_TDB	
	37			2003/09/05 17:57
-	27	((to ajd3 multiplex\$3) and (((photo near diode) or	USPAT;	2003/03/03 17:37
		photodiode)) and (predetermined near threshold)) and	EPO; JPO;	
		398/45-103,115-117.ccls.	IBM_TDB	

-	465	370/351-430.ccls. and (predetermined near threshold)	USPAT;	2003/09/05 17:57
	103	570,001 100,0000 and (production model and other a	EPO; JPO;	
			IBM_TDB	
-	9	(370/351-430.ccls. and (predetermined near threshold))	USPAT;	2003/09/05 17:57
		and (((photo near diode) or photodiode))	EPO; JPO;	
		, , , , , , , , , , , , , , , , , , , ,	IBM_TDB	
-	14136	acoust\$3 near optic\$	USPAT;	2004/02/29 21:38
		' '	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	226	(acoust\$3 near optic\$) and (photo near diode)	USPAT;	2004/02/29 21:39
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	268	(acoust\$3 near optic\$) and (photo near diode)	USPAT;	2004/02/29 21:51
		Control of the Contro	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	87	((acoust\$3 near optic\$) and (photo near diode)) and	USPAT;	2004/02/29 21:52
		multiplex\$5	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	27	(((acoust\$3 near optic\$) and (photo near diode)) and	USPAT;	2004/02/29 21:51
		multiplex\$5) and threshold	EPO; JPO;	_ , ,
		matapiotes) and an object	DERWENT;	
			IBM_TDB	
_	1123	bragg near cell	USPAT;	2004/02/29 21:51
	1123	Stagg from 55.1	EPO; JPO;	' '
			DERWENT;	
			IBM_TDB	
_	48	(bragg near cell) and (photo near diode)	USPAT;	2004/02/29 21:51
	"	Caraga Hour cont and Canada House	EPO; JPO;	' '
			DERWENT;	
			IBM_TDB	
_	25	((bragg near cell) and (photo near diode)) and (multiplex\$5	USPAT;	2004/02/29 22:09
		or switch)	EPO; JPO;	
		or orman,	DERWENT;	
			IBM_TDB	
_	4	("3830568" "4537507" "4859055" "4997272").PN.	USPAT	2004/02/29 21:57
-	Ó	6064473.URPN.	USPAT	2004/02/29 21:59
_	5	4636718.URPN.	USPAT	2004/02/29 22:05
_	865	(multiplex\$5 or switch) with ((photo near diode) or (bragg	USPAT;	2004/02/29 22:20
		near cell))	EPO; JPO;	
		"	DERWENT;	
	1		IBM_TDB	
-	21	((((acoust\$3 near optic\$) and (photo near diode)) and	USPAT;	2004/02/29 22:10
		multiplex\$5) and threshold) and threshold	EPO; JPO;	
		, , , , , , , , , , , , , , , , , , , ,	DERWENT;	
			IBM_TDB	
-	943	(multiplex\$5 or switch) with ((photo near diode) or (bragg	USPAT;	2004/02/29 22:20
		near cell)) with (select\$5 or multiplex\$4 or switch)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
-	943	((multiplex\$5 or switch) with ((photo near diode) or (bragg	USPAT;	2004/02/29 22:20
		near cell)) with (select\$5 or multiplex\$4 or switch)) with	EPO; JPO;	' '
		(select\$5 or multiplex\$4 or switch)	DERWENT;	
		(IBM_TDB	
	865	((multiplex\$5 or switch) with ((photo near diode) or (bragg	USPAT;	2004/02/29 22:20
-			/	,, - == /= -
-	005	near cell))) with (select\$5 or multiplex\$4 or switch)	EPO: JPO:	1
-	803	near cell))) with (select\$5 or multiplex\$4 or switch)	EPO; JPO; DERWENT;	

•	17122	((photo near diode) or (bragg near cell))	USPAT; EPO; JPO;	2004/02/29 22:20
			DERWENT; IBM_TDB	
	28	398/138.ccls.	USPAT;	2004/03/01 09:56
	20	336/136.CGS.	EPO; JPO;	2004/03/01 03.30
			DERWENT;	
			IBM_TDB	
-	21	398/138.ccls. and (multiplex\$4 or switch or select\$4)	USPAT;	2004/03/01 10:19
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	10	(398/138.ccls. and (multiplex\$4 or switch or select\$4)) and	USPAT;	2004/03/01 10:03
		threshold	EPO; JPO;	
			DERWENT;	
	893	359/285,305.ccls.	IBM_TDB USPAT;	2004/03/01 10:02
-	693	333/263,303.ccis. 	EPO; JPO;	2004/05/01 10.02
			DERWENT;	
			IBM_TDB	
-	360	359/285,305.ccls. and (multiplex\$4 or switch or select\$4)	USPAT;	2004/03/01 10:03
			EPO; JPO;	
	İ		DERWENT;	
	22	(350/305 305 and and (anothing and an another an and a think	IBM_TDB	2004/02/04 40:40
-	33	(359/285,305.ccls. and (multiplex\$4 or switch or select\$4))	USPAT;	2004/03/01 10:18
		and threshold	EPO; JPO; DERWENT;	
			IBM_TDB	
_	9	("3936831" "4328576" "4389093" "4448494"	USPAT	2004/03/01 10:10
	_	"4460250" "4503388" "5105380" "5315307"		
		"5404144").PN.		
-	136	(acoustic near optic) and ((photo near diode) or photodiode)	USPAT;	2004/03/01 10:44
			EPO; JPO;	
			DERWENT; IBM_TDB	
_	14	((acoustic near optic) and ((photo near diode) or	USPAT;	2004/03/01 10:45
i	ļ , <u>,</u> ,	photodiode)) and multiplex\$4 and threshold	EPO; JPO;	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DERWENT;	
			IBM_TDB	
-	349		USPAT;	2004/03/01 11:24
		photodiode)	EPO; JPO;	
			DERWENT; IBM_TDB	
_	1469	(acoust\$3 near optic\$4) and ((photo near diode) or	USPAT;	2004/03/01 10:45
	1703	photodiode)	EPO; JPO;	230 1, 00, 01 10. 10
		,	DERWENT;	
			IBM_TDB	
-	131	((acoust\$3 near optic\$4) and ((photo near diode) or	USPAT;	2004/03/01 11:19
		photodiode)) and multiplex\$4 and threshold	EPO; JPO;	
			DERWENT;	
	56	(((acoust\$3 near optic\$4) and ((photo near diode) or	IBM_TDB USPAT;	2004/03/01 11:19
	30	photodiode)) and multiplex\$4 and threshold) and (rf or	EPO; JPO;	250 1/05/01 11.19
		(radio near frequency))	DERWENT;	
		` '''	IBM_TDB	
-	3	("3055258" "3765768" "4722596").PN.	USPAT	2004/03/01 10:49
-	23	4063226.URPN.	USPAT	2004/03/01 11:03
-	358	((acoust\$3 near optic\$4) and ((photo near diode) or	USPAT;	2004/03/01 11:24
		photodiode)) and (rf or (radio near frequency))	EPO; JPO;	
			DERWENT; IBM_TDB	
L	L		םם ו "וחם	L

-	130	(((acoust\$3 near optic\$4) and ((photo near diode) or	USPAT;	2004/03/01 11:19
		photodiode)) and (rf or (radio near frequency))) and	EPO; JPO;	
		multiplex\$4	DERWENT;	
			IBM_TDB	
-	3	("3055258" "3765768" "4722596").PN.	USPAT	2004/03/01 11:19
-	0	6603536.URPN.	USPAT	2004/03/01 11:21
-	4514	textron.as.	USPAT;	2004/03/01 11:22
			EPO; JPO;	
			DERWENT;	
		1 //	IBM_TDB	2004/02/01 11:22
-	2	textron.as. and ((acoust\$3 near optic\$4) and ((photo near	USPAT;	2004/03/01 11:23
		diode) or photodiode))	EPO; JPO;	
			DERWENT; IBM_TDB	
		toutron as and muttinlove?	USPAT;	2004/03/01 11:23
-	0	textron.as. and mutliplex\$3	EPO; JPO;	2004/03/01 11.23
			DERWENT;	
			IBM_TDB	
	499	356/28.5.ccls.	USPAT;	2004/03/01 11:24
-	664	330/20.3.ccis. 	EPO; JPO;	2001,00,01 11121
			DERWENT;	
			IBM_TDB	
1.	115	356/28.5.ccls. and ((photo near diode) or photodiode)	USPAT;	2004/03/01 11:24
		(Prioto trans areas) or priotosis and	EPO; JPO;	, ,
			DERWENT;	
			IBM_TDB	
-	16	(356/28.5.ccls. and ((photo near diode) or photodiode)) and	USPAT;	2004/03/01 11:24
		(rf or (radio near frequency))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	